

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--|------------------|---------|------------------|
| S1 | 5 | 10/676995 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/17 12:49 |
| S2 | 2 | 10/769137 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/17 13:01 |
| S4 | 3 | 10/769240 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/17 13:06 |
| S5 | 1 | 10/773392 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/17 13:14 |
| S6 | 1 | 10/829519 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/17 13:47 |
| S7 | 2 | 10/668121 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/17 14:29 |
| S8 | 112595 | (AUTOMATED OR AUTOMATIC\$4) same DIRECTORY same ASSISTANCE or ADA or DIRECTORY ASSISTANCE or IVR or Interactive and Vocie same Response same system and dialog and indentif\$ and language | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/17 14:55 |

EAST Search History

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| S9 | 2251548 | (VOICE\$ OR SPEECH OR VOCAL OR AUDIBL\$2 OR AUDIO)and (COMMAND\$ OR PROMPT\$3 OR DIALOG\$2 OR INPUT\$2 OR INPUTTING OR INPUTTED OR INSTRUCT\$4 OR REQUEST\$3 OR INTERACT\$4) and SPEECH DIRECTED DIALOG\$3 OR DIRECTED\$3 and (DIALOG\$3 OR SPEECH) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/17 14:54 |
| S10 | 4564 | Language same variat\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/17 14:56 |
| S11 | 664 | Language same variat\$3 and skill and level | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 07:54 |
| S12 | 85 | S8 and S9 and S11 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/17 14:57 |
| S13 | 34140 | phone and call and operator | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/17 14:59 |
| S14 | 51 | S12 and S13 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/17 16:28 |
| S15 | 2 | 10/385389 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/17 16:11 |

EAST Search History

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|-----|----|----------------|--|-----|----|------------------|
| S16 | 22 | US "5884256" A | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/17 16:28 |
| S17 | 2 | "20050108338" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 08:09 |
| S18 | 2 | "20050096912" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 09:06 |
| S19 | 3 | "20040161094" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 09:12 |
| S20 | 4 | 10/285112 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 09:20 |
| S21 | 6 | "6430285" B1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 09:41 |
| S22 | 6 | "6430285" b1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 09:43 |

EAST Search History

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| S23 | 5 | "6480598" b1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 09:56 |
| S24 | 2 | "20070147599" a1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 10:03 |
| S25 | 2 | "20070160188" a1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 10:05 |
| S26 | 2 | "20060045241" a1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 10:20 |
| S27 | 2 | "20030212558" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 10:44 |
| S28 | 9 | "6363346" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 11:21 |
| S29 | 3 | "20020198707" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 11:23 |

EAST Search History

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| S30 | 5 | "6308154" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 11:32 |
| S31 | 27 | "5905773" a | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 13:32 |
| S32 | 2 | "20020067508" a1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 13:42 |
| S33 | 2 | "20060067508" A1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 14:05 |
| S34 | 2 | "2005150779" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 14:08 |
| S35 | 124 | 379/265.12.CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/18 15:21 |
| S36 | 112635 | (AUTOMATED OR AUTOMATIC\$4) same DIRECTORY same ASSISTANCE or ADA or DIRECTORY ASSISTANCE or IVR or Interactive and Vocie same Response same system and dialog and indentif\$ and language | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 15:22 |

EAST Search History

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| S37 | 2253172 | (VOICE\$ OR SPEECH OR VOCAL OR AUDIBL\$2 OR AUDIO)and (COMMAND\$ OR PROMPT\$3 OR DIALOG\$2 OR INPUT\$2 OR INPUTTING OR INPUTTED OR INSTRUCT\$4 OR REQUEST\$3 OR INTERACT\$4) and SPEECH DIRECTED DIALOG\$3 OR DIRECTED\$3 and (DIALOG\$3 OR SPEECH) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/18 15:22 |
| S38 | 665 | Language same variat\$3 and skill and level | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 15:22 |
| S39 | 86 | S36 and S37 and S38 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 15:22 |
| S40 | 3 | S39 AND S35 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/18 15:28 |
| S41 | 44 | 379/265.07.CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 15:30 |
| S42 | 0 | S39 AND S41 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 15:31 |
| S43 | 715 | 379/88.13.CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 15:32 |

EAST Search History

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| S44 | 1 | S39 AND S43 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 15:40 |
| S45 | 579 | 379/265.01.CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 15:37 |
| S46 | 1 | S45 AND S38 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 15:38 |
| S47 | 1 | S43 AND S38 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/18 15:39 |
| S48 | 88 | S35 AND S37 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/22 17:21 |
| S53 | 3446 | language same classifi\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/22 17:25 |
| S54 | 2608 | "11" and "13" and S53 and S53 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/22 17:27 |

EAST Search History

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| S55 | 112641 | (AUTOMATED OR AUTOMATIC\$4) same DIRECTORY same ASSISTANCE or ADA or DIRECTORY ASSISTANCE or IVR or Interactive and Vocie same Response same system and dialog and indentif\$ and language | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/22 17:28 |
| S56 | 2253321 | (VOICE\$ OR SPEECH OR VOCAL OR AUDIBL\$2 OR AUDIO)and (COMMAND\$ OR PROMPT\$3 OR DIALOG\$2 OR INPUT\$2 OR INPUTTING OR INPUTTED OR INSTRUCT\$4 OR REQUEST\$3 OR INTERACT\$4) and SPEECH DIRECTED DIALOG\$3 OR DIRECTED\$3 and (DIALOG\$3 OR SPEECH) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/22 17:28 |
| S57 | 665 | Language same variat\$3 and skill and level | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/22 17:28 |
| S58 | 86 | S55 and S56 and S57 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/22 17:28 |
| S59 | 5 | S58 and (language same classifi\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/22 17:54 |
| S60 | 55 | "6230197" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/22 18:03 |
| S61 | 60 | "5,878,126" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 07:39 |

EAST Search History

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|-----|-------|---|--|----|----|------------------|
| S66 | 33167 | speech adj recognition | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 08:00 |
| S69 | 88 | (value\$2 same score\$3 same confidence)same (time or duration)same (select\$4 or choos\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 08:43 |
| S70 | 27 | S66 and S69 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 08:12 |
| S71 | 1503 | (inverse same distan\$3 same weight\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 08:13 |
| S72 | 4577 | language same variat\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 08:14 |
| S73 | 3 | S71 and S72 and S66 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 08:19 |
| S74 | 7 | (first same language same variat\$3 same origin) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 08:23 |

EAST Search History

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| S79 | 6 | (calculat\$3 and normliz\$3 and multipl\$4 and total\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 08:29 |
| S82 | 6462 | (704/231-252).ccds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/25 15:00 |
| S84 | 10 | S69 and S82 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 09:40 |
| S85 | 13 | 09/015,150 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 13:06 |
| S86 | 3 | "20020194000" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 13:09 |
| S87 | 10 | "7058573" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 13:22 |
| S88 | 24 | "5828731" A | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/23 13:24 |

EAST Search History

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| S89 | 12 | "6333979" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/23 13:24 |
| S90 | 24 | "5828731" A | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/23 16:52 |
| S91 | 1 | 10/165863 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/25 14:57 |
| S92 | 1211 | distance and correlation and normalization and scoring | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/10/25 15:00 |
| S93 | 572 | (704/257).ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/25 15:02 |
| S94 | 175 | (704/224).ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/25 15:02 |
| S95 | 3 | S92 and S93 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/25 16:19 |

EAST Search History

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|------|--------|-------------------------|--|----|----|------------------|
| S96 | 10897 | confidence and scores | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/25 16:22 |
| S97 | 75 | S93 and S96 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/25 17:06 |
| S98 | 3813 | confidence same score | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/25 16:21 |
| S99 | 1 | S98 and S94 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/25 16:23 |
| S100 | 196498 | distance same weight\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/25 16:24 |
| S101 | 174 | S92 and S100 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/25 16:24 |
| S102 | 1 | S93 and S101 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/25 16:28 |

EAST Search History

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| S10 3 | 6 | "6856957" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/25 17:32 |
| S10 4 | 8 | "6751600" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/25 17:32 |